

**WHAT IS CLAIMED IS:**

1. A scanning device capable of connecting to a projector, the scanning device comprising:

5 a scanning module for scanning at least one document and obtaining a first scanned image;

a signal process and control unit for receiving and processing said first scanned image so as to obtain a second scanned image;

a memory for receiving and saving said second scanned image;

a video buffer for receiving said second scanned image;

10 an output unit for receiving and processing said second scanned image from said video buffer and sending a third scanned image to the projector;

a CPU for controlling said signal process and control unit, said memory, said output unit; and

15 a user interface controlled by users and connected with said CPU for controlling said CPU.

2. The device as claimed in claim 1, wherein said user interface includes a scanning button which is controlled by the users to scan the at least document.

20 3. The device as claimed in claim 2, wherein said user interface includes option buttons for the users to choose at least one part of said second scanned image sent from said memory.

4. The device as claimed in claim 3, wherein said user interface includes a display button for the users to transfer at least one part of said second scanned image in said memory to said projector.

5. The device as claimed in claim 1, further comprising a store device connected to said CPU, said CPU processing said second scanned image from said memory and saving said second scanned image in said store device.

6. The device as claimed in claim 5, wherein said user interface includes:

5 a scanning button which is controlled by the users to scan the at least one document; and

a save button which is controlled by the users to save said second scanned image from said memory to said store device.

7. The device as claimed in claim 6, wherein said user interface includes option buttons which are controlled by the users to save at least one part of said second scanned image from said memory to said store device.

8. The device as claimed in claim 1, further comprising a store device connected to said CPU, said store device having electronic data saved therein, said CPU receiving signals from said user interface so as to process said electronic data  
15 from said store device, and said processed data being transferred to said memory as said second scanned image.

9. The device as claimed in claim 1, wherein said signal process and control unit includes an application specific integrated circuit for controlling said scanning module and receiving said first scanned image from said scanning module.

20 10. The device as claimed in claim 9, wherein said signal process and control unit includes a JPEG chip for compressing said first scanned image from said application specific integrated circuit so as to obtain a second scanned image and to send said second scanned image to said memory.

11. The device as claimed in claim 1, wherein said output unit includes a DVI interface.

12. The device as claimed in claim 1, wherein said output unit includes a VGA interface.

5 13. The device as claimed in claim 1, wherein said output unit includes an AV interface.

14. The device as claimed in claim 1, further comprising an automatic document feeder for feeding multiple sheets to be scanned by the scanning device.